

SEQUENCE LISTING

<110> Merck & Co., Inc.

<120> IMPROVED HELPER DEPENDENT VECTOR SYSTEM
FOR GENE THERAPY

<130> 20377 PCT

<150> 60/118,601

<151> 1999-02-04

<150> 60/138,134

<151> 1999-06-08

<160> 17

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Consensus sequence

<221> misc_feature

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15

<210> 2

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Adenovirus 5

<400> 2

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<223> Synthetic packaging signal

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<212> DNA
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<223> PCR Primer

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<223> PCR Primer

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<223> Modified adenovirus

<400> 16

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| tgtgatgttg | caagtgtggc | ggaacacatg | taagcgacgg | atgtggcaaa | agtgcggtt | 180 |
| ttggtgtgcg | ccggtgtaca | caggaagtga | caattttcgc | gcggtttttag | gcggatgttg | 240 |
| tagtaaat | gggcgtaacc | gagtaagatt | tggccatttt | cgcgggaaaa | ctgaataaga | 300 |
| ggaagtga | tctgaataat | tttgtgttac | tcatagcgcg | taatatattgt | ctagggccgc | 360 |
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| agggtatgtg | gtgtgaacac | gctgaggaat | ctgcaaaacc | aaatgggtgag | tgcaaaacca | 840 |
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| aacagtgggtg | tccaaaggac | cagctggaag | cctgccttga | tgagaagttg | ctcttctttc | 1200 |
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